

Remarks

Reconsideration of this application as amended is respectfully requested.

Claims 1-12 stand rejected under 35 U.S.C. §101.

Claims 1-3, 5, 7-9, 13, 17 and 19-21 stand rejected under 35 U.S.C. §102(e) in view of U.S. Publication No. 2001/0013051 of *Nakada et al.* ("Nakada").

Claims 2, 6, 10-11, 15-16, 18, and 22-23 stand rejected under 35 U.S.C. §103(a) in view of *Nakada* and U.S. Publication No. 2002/0122063 of *Weinberg et al.* ("Weinberg").

Claims 4 and 13 stand rejected under 35 U.S.C. §103(a) in view of *Nakada* and U.S. Patent No. 6,490,564 of *Dodrill et al.* ("Dodrill").

Claims 12 and 24 stand rejected under 35 U.S.C. §103(a) in view of *Nakada* and *Weinberg* and *Dodrill*.

Claims 1-24 are cancelled.

New claims 25-39 have been added.

The examiner has rejected claims 1-12 under 35 U.S.C. §101 as being directed to non-statutory subject matter. The examiner has stated that claim 1 recites software modules and not hardware and that claim 12 recites software modules in a web site. Claims 1-24 are cancelled. It is submitted that new claims 25-39 recite statutory subject matter including a web server and a client machine that communicate using an agent communication language.

The examiner has rejected claims 1-3, 5, 7-9, 13, 17 and 19-21 under 35 U.S.C. §102(e) as being anticipated by *Nakada*. Applicant submits, however, that new claim 25 is not anticipated by *Nakada*. New claim 25 is an e-service system having a client machine that generates a request to a web server using an agent communication language (ACL) having a structured query language (SQL) as a constraint language. *Nakada* does not disclose an ACL having SQL as a constraint language as claimed in new claim 25. Instead, *Nakada* discloses an ACL having a constraint language that is adapted to a

specific ontology. (*Nakada*, paragraph 84). For example, *Nakada* discloses an ACL interpreter for a traffic reservation system ontology (*Nakada*, paragraph 84, lines 7-8) and shows the following constraint language for the traffic system ontology - "R, flight, Narita to Tacoma, 1997/07/06/15:00-1997/07/06/1800" where "R" is interpreted as a reservation having the constraints "Narita to Tacoma, 1997/07/06/15:00-1997/07/06/1800." (*Nakada*, paragraph 84, lines 9-16). Clearly, the constraints "Narita to Tacoma, 1997/07/06/15:00-1997/07/06/1800" disclosed by *Nakada* are not constraints posed using SQL as claimed in new claim 25.

The examiner has stated that *Nakada* discloses requests to the server software module using an ACL with...SQL as a constraint language (*Nakada*: page 6, para 80; page 7; para 89).
(Page 3, Office Action, 11-10-04).

Applicant respectfully submits that paragraphs 80 and 89 of *Nakada* do not disclose an SQL constraint language as claimed in new claim 25. Instead, paragraph 80 of *Nakada* discloses agents and ACLs and paragraph 89 of *Nakada* discloses different types ACLs without any mention of the constraint languages of the ACLs. Moreover, applicant cannot find "structured query language" or "SQL" anywhere in the disclosure of *Nakada*.

It is therefore respectfully submitted that the e-service system of new claim 25 that includes an ACL having SQL as a constraint language is not anticipated by the teaching in *Nakada* of an ACL with a constraint language that is adapted to a traffic reservation system.

Given that new claims 26-29 depend from new claim 25, it is submitted that new claims 26-29 are not anticipated by *Nakada*.

Applicant also submits that new claim 25 is not obvious in view of any combination of *Nakada* and *Weinberg* and *Dodrill* because *Nakada* and *Weinberg* and *Dodrill* do not teach or suggest an e-service system with an ACL having SQL as a

constraint language as claimed in new claim 25. Applicant has shown that *Nakada* teaches an ACL with a constraint language that is adapted to a traffic reservation system rather than an ACL with an SQL constraint language as claimed in new claim 25.

Weinberg discloses a method for displaying information in the form of a grid (See Abstract of *Weinberg*) rather than an e-service system with an ACL having SQL as a constraint language as claimed in new claim 25.

Dodrill discloses a voice messaging system based on XML documents (*Dodrill*, col. 5, lines 15-32) rather than an e-service system with an ACL having SQL as a constraint language as claimed in new claim 25.

Given that new claims 26-29 depend from new claim 25, it is submitted that new claims 26-29 are not obvious in view of *Nakada* and *Weinberg* and *Dodrill*.

It is further submitted that new claims 30-39 are not anticipated or obvious in view of *Nakada* and *Weinberg* and *Dodrill*. New claims 30-39 include limitations similar to the limitations of new claim 25 including an ACL having SQL as a constraint language. Therefore, the remarks stated above with respect to new claims 25-29 also apply to new claims 30-39.

It is respectfully submitted that in view of the amendments and arguments set forth above, the applicable rejections have been overcome.

The Commissioner is authorized to charge any underpayment or credit any overpayment to Deposit Account No. 08-2025 for any matter in connection with this response, including any fee for extension of time, which may be required.

Respectfully submitted,

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